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Gordiyenko, 11 pp.

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CIA/PDD XX-859

OTS 60-16568

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No 7, 1959, pp 1-4.

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Nov 59

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in the Film Channel Upon the Magnitude of Un-
steadiness of the Frame, by E. I. Tumanovskiy,
8 pp.

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No 7, 1959, pp 28 19-22.

CIA/IDD XX-816

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Sci - Physics

Apr 60

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Automation of Replenishment of Fixing Baths and
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Processing of Motion Picture Films, by A. I.
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Vol. III, No 10, 1959, pp 1-12.

CIA/FDD XX-847

Sci - Phys

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USIB INTERNAL USE ONLY

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Theory of Perpendicular Recording on Magnetic
Tape, by V. A. Goranin, 8 pp.

RUSSIAN, per, Tekhn Kino i Televideniya, Vol III,
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CIA/PDD MX-849

Sci - Phys

SLA 60-16296

Aug 60

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USED INTERNAL USE ONLY

S-252/60

(DC-3624)

Television Film-Reproduction System and a Video
Recording System With Optical Doubling of the
Scanning Master, by A. A. Gol'din, D. A. Taranets,
17 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya, Vol III,
No 11, 1959, pp 25-33.

JPRS 3493

Sci - Electronics

Jul 60

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Domestic Developments of Television Vacuum Tubes
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RUSSIAN, per, Tekhnika Kino i Televideniya, No 12,
1959, pp 1-11.

JPRS 2969

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Econ - Technological

Jul 60

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Precise and Uniform Coating of Processing Solutions
on a Continuously Moving Film, by S. M. Levi, N. G.
Maulenkova, N. I. Kirillov, 16 pp.

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Sci - Physics
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OTS 60-167574

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Film Exposure Control for Developing Machines, by
J. S. Gold, 7 pp.

RUSSIAN, per, Tekh Kino i Televideniye, Vol III,
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8IA 60-18993

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S-164/60

(DC-3482).

Using Magnetic Recording to Form a Composite
Television Signal, by V. D. Kryzhanovsky, 3 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya, No 12,
1959, pp 55-56.

JPRS 3185

Sci - Electronics
Apr 60

114,762

"For Further Development of the Technical and
Material Base of Cinematography"

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 1, Moscow, Jan 60, pp 1-4.

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EQUIPMENT (21)

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USSR - Economic - Technological - Precision
Equipment Manufacture

On the Possibility of Replacement of Gelatin in
Photographic Emulsions by Synthetic Polymers, by
B. A. Tsarev, L. M. Bogdanov, G. G. Martysh, 5 pp.

RUSSIAN, per, Tekh Kino i Televideniya, Vol IV,
1960, pp 8-11.

CIA/FID XI-1032

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Sci - Phys

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OSIB INTERNAL USE ONLY

Thin-Coated Motion Picture Film, by V. L. Zelikman,
19 pp.

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pp # 9-18. 1960

CIA/FDD XX-1,003

SLA 11-1115

Sci - Physics
CIA INTERNAL USE ONLY

149,360

S 320/60

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Equipment for the Magnetic Recording of Images
(Video Tape recorder), by R. M. Kasherininov,
V. V. Rakovskiy, V. G. Komar.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 2, 1960, p 57.

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Sci - Electronic TV Recorder

Apr 60

(Sci. Review - for No 2)

(NY-2900/13)

Conference of Radio and Television Broadcast
Workers, 5 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya, No 3,
1960, pp 93, 94.

JPRS 5389

USSR

Econ - Technological, Electronics

125, 25!

(NY-2900/19).

Prospective Types of Television Sets, 4 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 4, 1960, pp 95, 96.

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Econ - Tech

Oct 60

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S-504/60

(NY-4497)

Further Development and Improvement of Television
Technique, by S. Kaftanov, 8 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 5, 1960,
pp 1-3.

JPRS 5432

Sci - Electron

Sep 60

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(NY-2900/27)

Type MUR-401 Monoscopic Unit, /f.

RUSSIAN, per, Tekh Kino i Televideniya, 1960, p 24.

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Basic Parameters of Spray Processing of the Black-
and-White Motion Picture Film in Photomorphie
Solutions, by B. V. Valuyakiy, 12 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya, Vol IV,
No 5, 1960, pp 44-51. SLA 61-20067

CIA/FDD XX-1043
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NY 104/66,462

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Sep 61

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(NY-2900/27)

Development of Cinema Equipment Production
Technology at the "Lenkinap" Plant, by S. M.
Karnetsov, R. M. Kasherininov, 7 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 5, 1960, pp 56-61.

JPRS 7329

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Recon
Jan 61.

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Investigation of Factors Affecting the Color of
Optically Deposited Photographic Film Support, by
A. V. Morin, V. I. Slesareva, 1 p.

RUSSIAN, per, Tekhnika Kino i Televideniya, Vol IV, No 5,
1960, pp 73, 74.

CIA/TDS XX-770

Sci - Physics
Mar 61

S-582/60

(DC-4240)

Some Perspectives of the Development of
Television Broadcasting Technology, by S. I.
Katayev, 12 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 6,
1960, pp 1-8.

JPRS 3912

Sci - Electron

126,096

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Modulators, by Yu. G. Zarenin, 13 pp.

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FTD-ET-61-290

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19 Mar 62

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on the Question of Stereophonic Sound in Cinema
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Sci - Electronics

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Zusmanovich, 3 pp.

RUSSIAN, per, Tekh Kino i Televidenia, No 6, 1960,
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Interntl Phys Index
Electronics Express
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Sci - Phys

Oct 60

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(M-2900/52)

The Operational Reliability of Television Receivers,
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Fayn, 16 pp.

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JPRS 7661

Sci. - Electron

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p 78.

*JPRS

USSR

Econ - Technological - Electronic & Precision Equipment

12 Oct 60

(NY-2900/32)

The Development of Scientific Research Work in
Cinematography, Photographic Materials and
Photographic Processes, 14 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 8,
1960, pp 1-7.

JPRS 7661

Sci - Electron

Feb 61

140,801

TT-62-28829

Tsarev, B. A., Bogdanov, I. M., and others
POSSIBILITE DE REMPLACEMENT PARTIEL DE LA
GELATINE DANS LES EMULSIONS PHOTOGRAPHIQUES
PAR DES POLYMERES SYNTHETIQUES (On the Possi-
bility of Partial Substitution of Gelatin in Photographic
Emulsions by Synthetic Polymers), 11p., CNRS-XVIII 82
Order from OIS, EIC or CNRS \$1.60 TT-62-28829

I. Tsarev, B. A.
II. Bogdanov, I. M.
III. CNRS-XVIII 82
IV. Centre National de Recherche
Scientifique, Paris

Trans. in French of Tekhnika Kino i Televideniya (USSR)
1960, v. 4, no. 8, p. 8-17.
Trans. in English is available from CTT \$8.00 as
CTT61C0271961, 4p.

DESCRIPTORS: *Photographic emulsions, Gelatins,
Polymers, Substitutes.

(Materials-Photographic, TT, v. 11, no. 9)

Office of Technical Services
European Translation Centre

(NY-5500/1)

New Motion-Picture Techniques, by I. V. Gordiyohuk,
27 pp.

USSR, par, Tekh Kino i Televideniya, No 9,
1960, pp 1-9.

JPRS 7477

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Feb 61

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Avilov, G.V., Yulinaya, D.M., and others.
AU SUJET DE LA BANDE MAGNETIQUE POUR EN-
REGISTREMENT D'IMAGES EN MOUVEMENT (The
Magnetic Tape for the Registration of Moving Images .
18p. 12 refs. CNRS-X 602.
Order from OIS, ETC or CNRS \$0.80 TT-62-28411

Trans. in French of Tekhnika Kino i Televiziya
(USSR) 1960, v. 4, no. 9, p. 14-20.

DESCRIPTORS: *Magnetic tape. Magnetic recording
systems. *Optical images. Motion pictures. Elec-
trical properties. Mechanical properties.

(Materials. TT. v. 11, no. 7)

TT- 62-28411

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II. Yulinaya, D.M.
III. CNRS-X 602
IV. Centre National de la Recher-
che Scientifique, Paris

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(NY-5500/2)

New Developments in the Field of Radiobroadcasting
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9 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 10,
1960, pp 1-7.

JPRS 7719

Sci - Electron

Feb 61

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(NY-5448)

Recent Research to Improve the Technique of
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Portuchenko, 18 pp.

RUSSIAN, per, Tekhnika Kino in Televideniya,
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JPRS 7433

Sci - Med

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REF ID: A-7201
ID-2161134/37,004
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(NY-5500/2)

New Sound-Recording Equipment, by I. B. Gordiyovsk.
4 pp.

RUSSIAN, per, NI Tekh Kino i Televideniya, No 10,
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JPRS 7719

Sci - Electron

Feb 61

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Color Motion Picture Television Transmitter With a
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Zhirnova, S. B. Novakovskiy, V. A. Petropavlovskiy,
A. I. Razin, 14 pp.

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No 11, 1960, pp 36-40.

JPRS 7701

CTS-63-17359

Sci - Electron, Phys

Feb 61

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(NY-5500).

New Equipment for Sound Recording, by I. V. Gordiyechuk,

RUSSIAN, per, Tekhnika Kino i Televideniya, ~~Nov~~ 1960,
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*JPRS

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Equipment

27 Dec 60

Prospects for Television Development in the USSR--
Moscow, 8 pp.

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1961, pp 7-10.

JPRS 4578

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May 61

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Certain Technical Principles of Planning a Television
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RUSSIAN, per, Tekhnika Kino i Televideniya, No 3, 1961.
pp 1-3.

JPRS 4652

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155,443

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Jun 61

A New Series of Color Motion Picture Films,
by A. N. Iordanskii, I. M. Kilinskii, 12 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol V,
No 3, 1961, pp 4-13.

CIA/FDD XX-1396
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OTS-11-101-1

Sci -

Jul 63

USIB Internal Use Only

236,032

Processing of Color Negative Films, by
Ts. S. Arnol'd, L. P. Krylov, 10 pp.

RUSSIAN, per, Takh Kino i Televid, Vol V, No 3,
1961, pp 13-19.

CIA/FDD XX-1397
NO FOREIGN DISSEM

Sci -

Jul 65

USIB Internal Use Only

236,031

(NY-3000)

Operational Characteristics of Amateur Motion-
Picture Camera, by L. V. Barinov, 7 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 3, 1961, pp 72-76.

JPRS 10154

USSR

169,754

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NAL RES: 5828.4 (19-4 (19, 1961))
(1961 COPY)

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The Infrared Vidicon, by N. L.
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Stepchenkov, 13 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya
No 1, 1961, pp 18-19.

UNASIA 1234/Z

Sol - 24th
Dec 61

175, 686

The Applicability of a Calculative Coating Method to
Emulsion Coating on Flexible Supports, by M. I. Shor,
A. Ya. Kiselev, 13 pp.
RUSSIAN, per, Tekh Kino i Tele, Vol V, No 4, 1961,
pp 24-28.

CIA/FIDD XX-1498
NO FOREIGN DISSEM

Sci - Chem
Mar 64
UKSIB Internal Use Only

252,253

Motion Picture Lenses and the Sharpness Criterion, by
A. L. Yarinovskaya, 6 pp.

RUSSIAN, per, Tekh Kino i Televideniya, No 4, 1961,
pp 29-34.

CIA/FID XX-1125

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185,945

USCIB INTERNAL USE ONLY

Dzhakoniya, V. E.
DEPENDENCE OF THE QUALITY OF STEREO
COLOR TELEVISION IMAGES ON TRANSMISSION
PARAMETERS. [1963] 11p
Order from ATS \$14.50 ATS-95Q72R

Trans. of Tekhnika i Kino i Televideniya (USSR) 1961,
v. 5, no. 5, p. 52-58.

DESCRIPTORS: *Color television, Stereoscopic
display systems, Images, Wave transmission.

(Engineering--Electronic, TT, v. 11, no. 4)

TT-64-12071

I. Dzhakoniya, V. E.
II. ATS-95Q72R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

(NY-3000)

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District, 6 pp.

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No 5, 1961, p 99.

JPRS 10045

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Sudravskii, D. D.
REPRODUCTION OF TELEVISION PICTURES WITH
THE AID OF FIBER OPTICS. [1963] 6p.
Order from ATS \$10.50

ATS-75Q68R

Trans. of Tekhnika Kino i Televideniya (USSR) 1961,
v. 5, no. 5, p. 23-27.

DESCRIPTORS: *Fiber optics, *Television display
systems, Television receivers.

(Engineering--Electronic, TT, v. 10, no. 3)

63-17357

- I. Sudravskii, D. D.
- II. ATS-75Q68R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

DEPTH OF FIELD OF LENS AND NEW FORMS OF MOTION
PICTURE FILMING, BY A. A. LAPAURI, 15 PP.

RUSSIAN, PER, TEKH KINO I TELEVIDENIYA, VOL V, NO 7,
1961, PP 10-20.

CIA/FDD XX-L200
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JUN 62

USIS INTERNAL USE ONLY

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63-17362

Tarasov, A. N.
NEW MOTION PICTURE PROJECTOR WITH OPTICAL
COMPENSATION FOR TELEVISION COLOR FILMS.
[1963] 11p.
Order from ATS \$11.85 ATS-76Q68R

Trans. of Tekhnika Kibernetiki i Televideniya (USSR) 1961,
v. 5, no. 7, p. 43-50.

DESCRIPTORS: *Motion-picture projectors, *Color
television, Television equipment, *Television trans-
mitters, *Color film, Optical properties, Television
cameras.

(Engineering--Electronic, TT, v. 10, no. 3)

I. Tarasov, A. N.
II. ATS-76Q68R
III. Associated Technical
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The Problem of the Quality of Cinema Images, by I. B. Blyumberg, T. M. Zyazina, 12 pp.

RUSSIAN, per, Tekhn Kino i Televideniya, Vol V (8), 1961.

CIA/FID XI-1238
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Aug 62

USIS INTERNAL USE ONLY

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Shvernik, 12 pp.

RUSSIAN, par, Tekhnika Kino i Televideniya,
No 8, Aug 61, pp 15-24.

JPRS 10340

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Oct 61

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CIA/RDD XX-1173
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198, 434

May 62

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Restoration of Quenching and Synchronizing
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No 10, 1961, pp 38-41. 9667368

PTD-TT-61-1342

Sci - Phys
Jan 63

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G. M. KHORYAK, 15 PP.

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1961, PP 51-56. 9665797

FTD-TT-62-574

SCI - PHYS
JUL 62

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The Dependence of the Quality of the Motion Picture
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RUSSIAN, per, Tekh Kino Televideniya, No 11, 1961.

CIA/FDD XX-1288
NOT RELEASABLE TO FOREIGN NATIONALS

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Nov 62

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216, 240

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Technical and Economic Factors in TV Program
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1961, pp 54-58.
AFPS/SPECIAL/IN-9045

Sci-Electr
Mar 65

Nonlinear Aperture Correction, by G. V. Braude,
I. N. Isayeva, 15 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 12, 1961, pp 3-10. 9682728

FTD-TT-62-1726

Sci-Phys
May 63

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Research, by A. A. Sakharov, 13 pp.

RUSSIAN, par, Tekhnika Kino i Televideniya,
No 12, 1961, pp 39-50.

ACSI I-2182
ID 2227611

Sci - Phys
Ma. 53

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by I. Ya. Lyamichev, 23 pp.
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1962, pp 37-48. ~~44-184~~ 9632372
FTD-TT-65-30

Sci-Elec
Jul 65

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Investigation of the Quality of Photographic
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T. M. Zyazina, 9 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol VI,
No 5, 1962, pp 34-39.

CIA/FDD XX-1400
NO FOREIGN DISSEM

Sci

Jul 63

USIB Internal Use Only

Investigation of the Quality of Photographic
Image in Immersion Printing, by I. B. Blyumberg,
T. M. Zyazina, 9 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol VI,
No 5, 1962, pp 34-39.

CIA/FDD XX-1400
NO FOREIGN DISSEM

Sci
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USIB Internal Use Only

236,029

Sorri, E. A.
SIGNAL-TO-NOISE RATIO IN THE PLAYBACK CHANNEL OF A MAGNETIC RECORDING SYSTEM.
[1963] 12p.

Order from ATS \$14.85

ATS-35Q69R

Trans. of Tekhnika i Kino i Televideniya (USSR)
1962, v. 6, no. 6, p. 10-17.

DESCRIPTORS: *Signal-to-noise ratio, *Channel
selectors, *Magnetic recording systems.

(Engineering--Electronic, TT, v. 10, no. 8)

63-17768

I. Sorri, E. A.
II. ATS-35Q69R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Use of Phenidone in the Film Printing
Industry, by S. Ye. Tikhonovich.
RUSSIAN, per, Tekh Kino i Televid, No 8,
1962, pp 40-46.
NLL Ref: 5207 (1299)

Sci-Meth & Equip
Mar 69

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N-32/IR

Video-Tape Recorder at the Leningrad Television Center,
by B. Abramov.

RUSSIAN, per, Tekh Kino i Tele, Moscow, No 8, 1962. 72.

*JPRS/SF-#3497/SPECIAL

Sci - Elec
Jan 65

New Color Motion Picture Films, by
Z. K. Averbukh, Yu. B. Vilonskiy.

RUSSIAN, per, Tekhnika Kino i Televideniya,
No 9, 1962, pp 47-48.

CIA/PDD XX-1350
No Foreign Dissem

Sci-Phys

Mar 63

USIB: Internal Use Only

225,445

Quality Control by Television in the Manufacture
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5 pp.

RUSSIAN, per, Tekh Kino i Televid, Vol VI,
No 9, 1962, pp 51-54.

CIA/PDD XX-1395
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OTC - 100 - 1517

Sci -

Jul 63

USIB Internal Use Only

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Image Definition in Cinematography, by V. G. Komar,
22 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya, Vol VI,
No 10, 1962, pp 1-11.

CIA/FDD XX-1442
No Foreign Dissem

Sci - Physics
Oct 63
USIB Internal Use Only

CTS -IT 64-10001

Spectral Transmittance of Modern Moving Picture
and ~~XXI~~ Photographic Objectives, by A. ~~XX~~ M.
Kuritsyn, 10 pp.

RUSSIAN, per, Tekhnika Kino i Televideniya,
Vol VI, No 10, 1962, pp 19-25.

CIA FDD-XX-1333
NO FOREIGN DISSEM
USIB INTERNAL USE ONLY

Sci - Phys
6 Mar 1963

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Taranets, D. A.
A DOUBLE-UNIT TELEVISION MOTION PICTURE
PROJECTOR FOR UNINTERRUPTED TRANSMISSION
OF COLOR MOTION PICTURES. [1963] 12p.
Order from ATS \$16.25 ATS-73Q68R

Trans. of Tekhnika Kino i Televid[eniya] (USSR) 1962,
v. 6, no. 10, p. 45-53.

DESCRIPTORS: *Color television, *Television equip-
ment, *Motion-picture projectors, Television trans-
mitters, Motion pictures, Television cameras, Color
film.

(Engineering--Electronic, TT, v. 10, no. 3)

63-17375

- I. Taranets, D. A.
- II. ATS-73Q68R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

ANALOGY OF CHARACTERISTICS OF REPRODUCTION IN
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